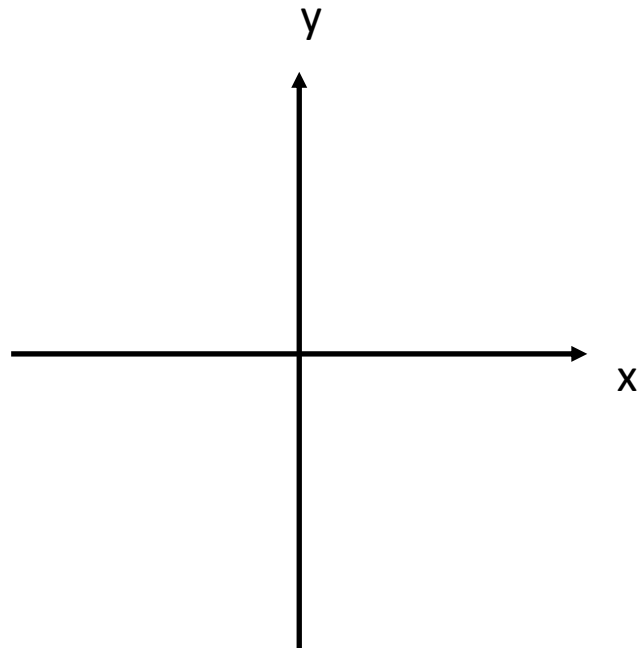


4D Intersecting Graphs

1.
 - a) On the same diagram, sketch the following curves:

$$y = x(x - 3) \text{ and } y = x^2(1 - x)$$

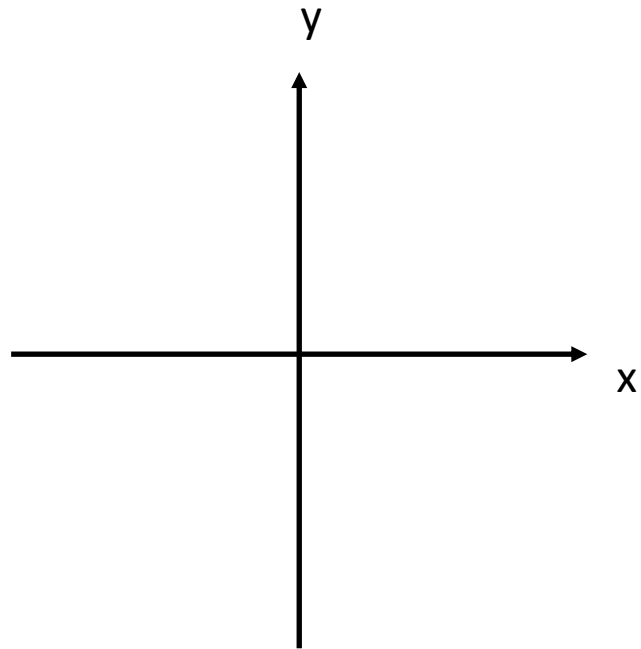


- b) Find the co-ordinates of the points of intersection

2.

a) On the same diagram, sketch the following curves:

$$y = \frac{3}{x} \text{ and } y = x^2(x - 1)$$



b) Explain how the graph shows that the following equation has 2 solutions